

What Is Claimed Is:

1. A method of producing an antibody that specifically binds the polypeptide of SEQ ID NO:2 comprising:
 - (a) introducing into an animal a polypeptide comprising an amino acid sequence selected from the group consisting of:
 - (i) amino acids -14 to 378 of SEQ ID NO:2;
 - (ii) amino acids -13 to 378 of SEQ ID NO:2; and
 - (iii) amino acids 1 to 378 of SEQ ID NO:2; and
 - (b) recovering said antibody.
2. The method of claim 1 wherein the antibody binds a polypeptide consisting of amino acids -14 to 378 of SEQ ID NO:2.
3. The method of claim 1 wherein the antibody binds a polypeptide consisting of amino acids -13 to 378 of SEQ ID NO:2.
4. The method of claim 1 wherein the antibody binds a polypeptide consisting of amino acids 1 to 378 of SEQ ID NO:2.
5. The method of claim 1 wherein the antibody is a polyclonal antibody.
6. The method of claim 1 that also comprises the step of generating a hybridoma prior to recovering said antibody.
7. The method of claim 6 wherein the antibody is a monoclonal antibody.
8. A method of producing an antibody that specifically binds the full-length polypeptide encoded by the cDNA in American Type Culture Collection (ATCC) Deposit No. 97657 comprising:
 - (a) introducing into an animal a polypeptide selected from the group consisting of:

- (i) the full length amino acid sequence as encoded by the cDNA clone contained in ATCC Deposit No. 97657;
 - (ii) the mature amino acid sequence as encoded by the cDNA clone contained in ATCC Deposit No. 97657; and
 - (iii) full-length protein encoded by the cDNA contained in ATCC Deposit No. 97657, excepting the N-terminal methionine; and
 - (b) recovering said antibody.
9. The method of claim 8 wherein the antibody binds a polypeptide consisting of the full length amino acid sequence as encoded by the cDNA clone contained in ATCC Deposit No. 97657.
 10. The method of claim 8 wherein the antibody binds a polypeptide consisting of the mature sequence as encoded by the cDNA clone contained in ATCC Deposit No. 97657.
 11. The method of claim 8 wherein the antibody binds a polypeptide consisting of the full-length protein encoded by the cDNA contained in ATCC Deposit No. 97657, excepting the N-terminal methionine; and
 12. The method of claim 8 wherein the antibody is a polyclonal antibody.
 13. The method of claim 8 that also comprises the step of generating a hybridoma prior to recovering said antibody.
 14. The method of claim 13 wherein the antibody is a monoclonal antibody.
 15. A method of producing an antibody that specifically binds the polypeptide of SEQ ID NO:2 comprising:
 - (a) screening a single chain or Fab expression library to identify an antibody that specifically binds a polypeptide selected from the group consisting of:
 - (i) amino acids -14 to 378 of SEQ ID NO:2;

- (ii) amino acids -13 to 378 of SEQ ID NO:2; and
 - (iii) amino acids 1 to 378 of SEQ ID NO:2; and
 - (b) recovering said antibody from said library.
16. The method of claim 15 wherein the antibody is a single chain antibody.
 17. The method of claim 15 wherein the antibody is an Fab fragment.
 18. The method of claim 15 wherein the polypeptide consists of amino acids -14 to 378 of SEQ ID NO:2.
 19. The method of claim 15 wherein the polypeptide consists of amino acids -13 to 378 of SEQ ID NO:2.
 20. The method of claim 15 wherein the polypeptide consists of amino acids 1 to 378 of SEQ ID NO:2.
 21. A method of producing an antibody that specifically binds the polypeptide encoded by the cDNA in ATCC Deposit No. 97657 comprising:
 - (a) screening a single chain or Fab expression library to identify an antibody that binds a polypeptide selected from the group consisting of:
 - (i) the full length amino acid sequence as encoded by the cDNA clone contained in ATCC Deposit No. 97657;
 - (ii) the mature amino acid sequence as encoded by the cDNA clone contained in ATCC Deposit No. 97657; and
 - (iii) full-length protein encoded by the cDNA contained in ATCC Deposit No. 97657, excepting the N-terminal methionine; and
 - (b) recovering said antibody from said library.
 22. The method of claim 21 wherein the antibody is a single chain antibody.
 23. The method of claim 21 wherein the antibody is an Fab fragment.

24. The method of claim 21 wherein the polypeptide consists of the full length amino acid sequence as encoded by the cDNA clone contained in ATCC Deposit No. 97657.
25. The method of claim 21 wherein the polypeptide consists of the mature amino acid sequence as encoded by the cDNA clone contained in ATCC Deposit No. 97657.
26. The method of claim 21 wherein the polypeptide consists of the full-length protein encoded by the cDNA contained in ATCC Deposit No. 97657, excepting the N-terminal methionine.